

## ABSTRACT OF THE DISCLOSURE

A cooling device, especially for the primary part of an electric motor such as a linear motor or rotary motor includes a carrier in the form of a trough or a channel, and a serpentine cooling tube which is mounted to the top surface of the carrier by means of spacer elements. The spacer elements have an attachment surface which is positioned on a surface of the primary part, when the cooling device is attached to thereby realize a good thermal coupling between the attachment surface and the cooling tube. The spacer elements extend through the top surface of the carrier and have a defined vertical dimension so as to define the added height of the primary part, when the cooling device is attached..